



NFPA FIRE HAZARD SYMBOL
See NFPA 704 for detailed explanation.

MATERIAL SAFETY DATA SHEET

No.: 3587 Rev. No.: 2
Date Revised: 05/02/85

Manville

I. PRODUCT IDENTIFICATION

Trade Name(s): PIPE & TANK INSULATION

Generic Name: FIBROUS GLASS INSULATION -- Pipe & Tank

Chemical Name: NA

CAS #: NA

Formula: MIXTURE

Manufacturer: MANVILLE BUILDING MATERIALS CORP.

Address: P.O. BOX 5108

City: DENVER

State: CO

Zip: 80217

Telephone: (303)978-3120

Emergency:

II. PRODUCT INGREDIENTS

| INGREDIENT NAME | CAS NUMBER | % | PEL and TLV (except as noted) |
|--------------------------------|------------|----|----------------------------------|
| FIBROUS GLASS | 65997-17-3 | 95 | 5mg/m ³ - NUISANCE |
| PHENOLFORMALDEHYDE RESIN-CURED | 25104-55-6 | 5 | RESPIRABLE DUST (OSHA) |

III. PHYSICAL DATA

Appearance and Odor: SEMI-RIGID FIBERGLASS BOARD WITH FOIL FACING - SLIGHT PHENOLIC ODOR.

Boiling Point: NA
Vapor Pressure: NA
Water Solubility (%): NIL
Vapor Density (Air=1): NA

Evaporation Rate (= 1): NA
Specific Gravity (water = 1): VAR
Melting Point: >1300° F
% Volatile by Volume: NA

IV. FIRE AND EXPLOSION DATA

Flash Point (Method): NA

Flammable Limits: LEL: % UEL: NA %

NFPA Flammable/Combustible Liquid Classification: NA

Auto-Ignition Temperature: NA

Extinguishing Media: CO₂, WATER, WATER FOG, DRY CHEMICAL ABC RATED.

Unusual Fire or Explosion Hazards: RESIN AND PAPER OR PLASTIC FACINGS WILL BURN CAUSING DENSE ACRID SMOKE.

Special Fire-Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS.

V. HEALTH HAZARDS A. Summary/Risks

Summary: CURRENT ANIMAL AND EPIDEMIOLOGICAL STUDIES INDICATE THAT GLASS FIBERS AND DUST DO NOT REPRESENT A HAZARD TO HEALTH.

THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN BY NTP, IARC AND OSHA.

Medical conditions which may be aggravated: PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASES SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.

Target Organ(s): LUNGS & SKIN.

Acute Health Effects: IRRITATION TO SKIN AND UPPER RESPIRATORY SYSTEM.

Chronic Health Effects: NO LONG TERM EFFECTS HAVE BEEN IDENTIFIED.

Primary Entry Route(s): INHALATION, SKIN CONTACT.